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(54) Title: HIGH-STRENGTH HOT-ROLLED STEEL SHEET EXCELLENT IN SHAPE FIXABILITY AND METHOD OF PRODUCING THE SAME

(57) Abstract: A high-strength hot-rolled steel sheet excellent in shape fixability having ferrite or bainite as the phase of the largest volume percentage, satisfying all of the following at least at 1/2 sheet thickness: a mean value of X-ray random intensity ratio in the orientation component group of $\{100\}<011>$ to $\{223\}<110>$ to X-ray random diffraction intensity ratio of at least 2.5; a mean value of X-ray random intensity ratio in the three crystal orientation components of $\{554\}<225>$, $\{111\}<112>$, and $\{111\}<110>$ to X-ray random diffraction intensity ratio of 3.5 or less; an X-ray intensity ratio to X-ray random diffraction intensity ratio at $\{100\}<011>$ of at least the X-ray random intensity to X-ray random diffraction intensity ratio at $\{211\}<011>$; and an X-ray random intensity ratio to X-ray random intensity ratio at $\{100\}<011>$ of at least 2.5, having at least one of an r-value of the rolling direction and an r-value of a direction perpendicular to the rolling direction of not more than 0.7, having an anisotropy Δu_{El} of uniform elongation of not more than 4%, having an anisotropy ΔL_{El} of local elongation of at least 2%, and having an Δu_{El} of not more than the ΔL_{El} .

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